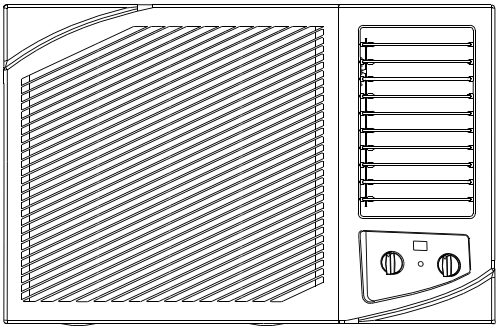
Before using your air conditioner, please read this manual carefully and keep it for future reference.

WINDOW/WALL-TYPE ROOM AIR CONDITIONER

CAMPOMATIC

USER'S MANUAL



Prior to installation this air-conditioning unit must be submitted for approval by the utility service which provides electricity.

SOCIABLE REMARK

The following contents apply only the countries of Europe.

DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

It is prohibited to dispose of this appliance in domestic household waste.
For disposal, there are several possibilities:

A) The municipality has established collection systems, where electronic waste can be disposed of at least free of charge to the user.
B) When buying a new product, the retailer will take back the old product at least free of charge.
C) The manufacture will take back the old appliance for disposal at least free of charge to the user.
D) As old products contain valuable resources, they can be sold to scrap metal dealers.

Wild disposal of waste in forests and landscapes endangers your health when hazardous substances leak into the ground-water and find their way into the food chain.

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Read This Manual

Inside you will find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner. You'll find many answers to common problems in the chart of troubleshooting tips. If you review our chart of Troubleshooting Tips first, you may not need to call for service at all.

⚠ CAUTION

- Contact the authorised service technician for repair or maintenance of this unit.
- Contact the installer for installation of this unit.
- The air conditioner is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the air conditioner.
- If the power cord is to be replaced, replacement work shall be performed by authorised personnel only.
- Installation work must be performed in accordance with the national wiring standards by authorised personnel only.

SAFETY PRECAUTIONS

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring of instructions may cause harm or damage. The seriousness is classified by the following indications.

⚠ WARNING	This symbol indicates the possibility of death or serious injury.
⚠ CAUTION	This symbol indicates the possibility of injury or damage to property.

■ Meanings of symbols used in this manual are as shown below.

⊘	**Never do this.**
!	**Always do this.**

⚠ WARNING

ⓘ Plug in power plug properly.
- Otherwise, it may cause electric shock or fire due to excess heat generation.

⊘ Do not operate or stop the unit by inserting or pulling out the power plug.
- It may cause electric shock or fire due to heat generation.

⊘ Do not damage or use an unspecified power cord.
- It may cause electric shock or fire.
- If the power cord is damaged, it must be replaced by the manufacturer or an authorised service centre or a similarly qualified person in order to avoid a hazard.

ⓘ Do not modify power cord length or share the outlet with other appliances.
- It may cause electric shock or fire due to heat generation.

⊘ Do not operate with wet hands or in damp environment.
- It may cause electric shock.

⊘ Do not direct airflow at room occupants only.
- This could damage your health.

ⓘ Always ensure effective earthing.
- Incorrect earthing may cause electric shock.

⊘ Do not allow water to run into electric parts.
- It may cause failure of machine or electric shock.

⊘ Always install circuit breaker and a dedicated power circuit.
- Incorrect installation may cause fire and electric shock.

ⓘ Unplug the unit if strange sounds, smell, or smoke comes from it.
- It may cause fire and electric shock.

⊘ Do not use the socket if it is loose or damaged.
- It may cause fire and electric shock.

⊘ Do not open the unit during operation.
- It may cause electric shock.

ⓘ Leave the door closed while the air conditioner is running.
- It is not designed to cool the entire house.

⊘ Do not use the power cord close to heating appliances.
- It may cause fire and electric shock.

⊘ Do not use the power cord near flammable gas or combustibles, such as gasoline, benzene, thinner, etc.
- It may cause an explosion or fire.

ⓘ Ventilate room before operating air conditioner if there is a gas leakage from another appliance.
- It may cause explosion, fire and, burns.

⊘ Do not disassemble or modify unit.

It may cause failure and electric shock.

⚠ CAUTION

⊘ When the air filter is to be removed, do not touch the metal parts of the unit.

- It may cause an injury.

⊘ Do not clean the air conditioner with water.

- Water may enter the unit and degrade the insulation. It may cause an electric shock.

ⓘ Ventilate the room well when used together with a stove, etc.

- An oxygen shortage may occur.

ⓘ When the unit is to be cleaned, switch off, and turn off the circuit breaker.

- Do not clean unit when power is on as it may cause fire and electric shock, it may cause an injury.

⊘ Do not put a pet or house plant where it will be exposed to direct air flow.

- This could injure the pet or plant.

⊘ Do not use for special purposes.

- Do not use this air conditioner to preserve precision devices, food, pets, plants, and art objects. It may cause deterioration of quality, etc.

ⓘ Stop operation and close the window in storm or hurricane.

- Operation with windows opened may cause wetting of indoor and soaking of household furniture.

ⓘ Hold the plug by the head of the power plug when taking it out.

- It may cause electric shock and damage.

ⓘ Turn off the main power switch when not using the unit for a long time.

- It may cause failure of product or fire.

⊘ Do not place obstacles around air-inlets or inside of air-outlet.

- It may cause failure of appliance or accident.

ⓘ Ensure that the installation bracket of the outdoor appliance is not damaged due to prolonged exposure.

- If bracket is damaged, there is concern of damage due to falling of unit.

ⓘ Always insert the filters securely. Clean filter once every two weeks.

- Operation without filters may cause failure.

⊘ Do not use strong detergent such as wax or thinner but use a soft cloth.

- Appearance may be deteriorated due to change of product color or scratching of its surface.

⊘ Do not place heavy object on the power cord and ensure that the cord is not compressed.

- There is danger of fire or electric shock.

ⓘ Do not drink water drained from air conditioner.

- It contains contaminants and could make you sick.

ⓘ Use caution when unpacking and installing. Sharp edges could cause injury.

ⓘ If water enters the unit, turn the unit off at the power outlet and switch off the circuit breaker. Isolate supply by taking the power-plug out and contact a qualified service technician.

SAFETY PRECAUTIONS(prior to operation)

Preparing for operation

1. Contact an installation specialist for installation.
2. Plug in the power plug properly.
3. Do not use a damaged or non-standard power cord.
4. Do not share the same outlet with other appliances.
5. Do not use an extension cord.
6. Do not start/stop operation by plugging/unplugging the power cord.

Usage

1. Exposure to direct airflow for an extended period of time could be hazardous to your health. Do not expose occupants, pets, or plants to direct airflow for extended periods of time.
2. Due to the possibility of oxygen deficiency, ventilate the room when used together with stoves or other heating devices.
3. Do not use this air conditioner for non-specified special purposes (e.g. Preserving precision devices, food, pets, plants, and art objects). Usage in such a manner could harm such property.

Cleaning and maintenance

1. Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
2. Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
3. When cleaning the unit, first make sure that the power and circuit breaker are turned off.

Service

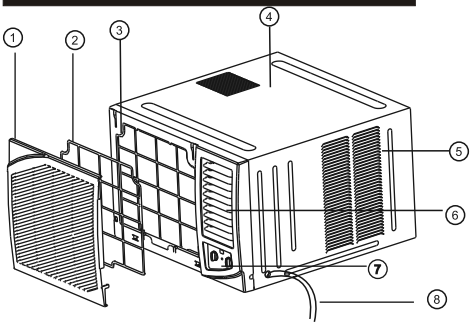
For repair and maintenance, contact your authorised service dealer.

Operating Temperature

Cooling operation	Outdoor temp:	18-43℃(T 1 Environment)	21-52℃(T 3 Environment)
	Indoor temp:	17-32 °C(T1 Environment)	17-32℃(T 3 Environment)
Heating operation	Outdoor temp:	-5-24℃(T 1 Environment)	-7-24℃(T 3 Environment)
	Indoor temp:	0 -27 °C(T1 Environment)	0-30°C(T3 Environment)

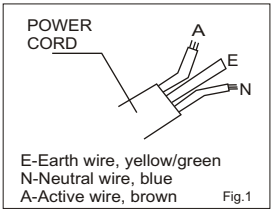
Note: Performance may be reduced outside of these operating temperatures.

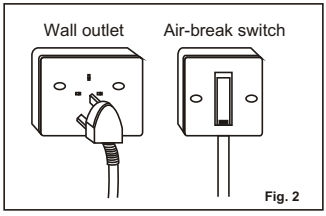
UNIT PARTS IDENTIFICATION



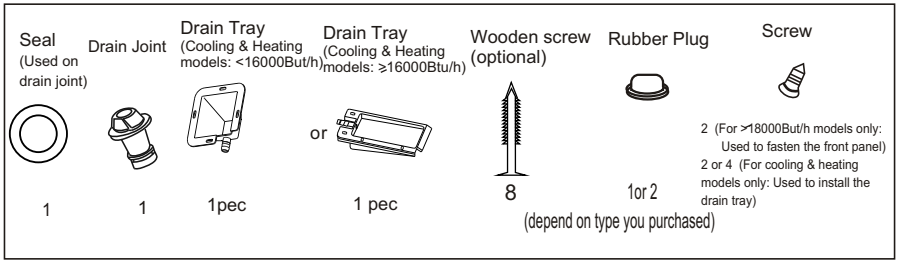
1. Front panel
2. Air filter
3. Frame
4. Cabinet
5. Air inlet grille (outdoor side)
6. Air outlet grille
7. Operation knob
8. Power supply cord

1. Power cord conductors are distinguished according to color as follows (see Fig.1)
2. For your safety and protection, this unit is earthed through the power cord (see Fig.2) Please contact the manufacturer or its service agent or a similar qualified person if you want to replace it.
3. Be sure that the unit being correctly grounded. The wall outlet (Air-break switch)should be provided with reliable earth wire.
4. The unit should be provided with an individual circuit and the circuit breaker/fuse rating should be the same as that of the power cord and wall outlet.



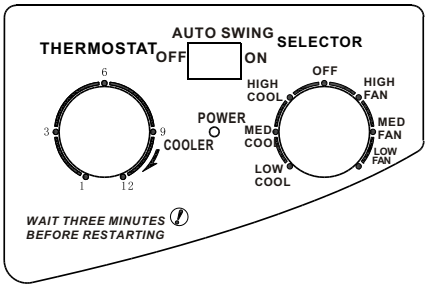


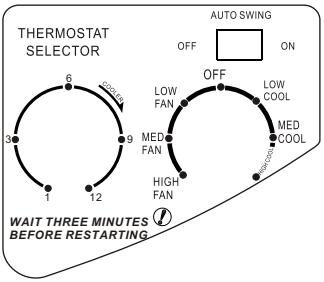
Accessories

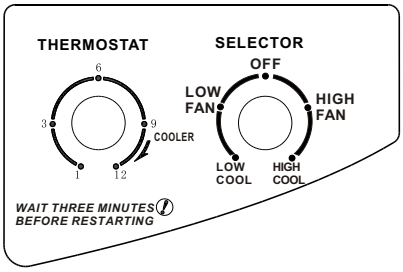


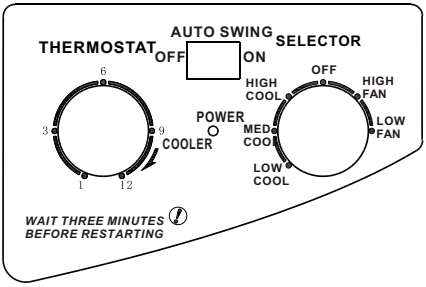
NOTE:All the illustrations in the manual are for explanation purpose only.Your air conditionar may be slightly different.The actual shape shall prevail.

AIR CONDITIONER FEATURES





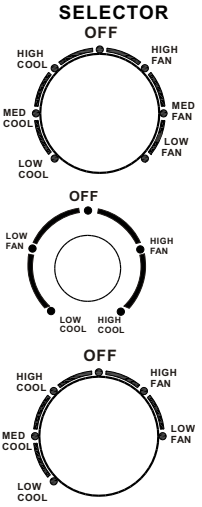




POWER indicator(some models without): This indicator light remains on when the unit is on and goes off when the SELECTOR is on "OFF" position.

NOTE: The outline of the operation panel is based on typical model, the function is the same with your air conditioner while some difference may exist in appearance.

SELECTOR



The controls featured in this manual are representative of many available models. Your model may offer slightly different features.

Cool Mode

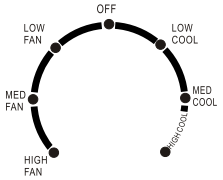
The desired cool setting is selected by rotating the knob to the right to the appropriate location.

"**HIGH COOL**" has maximum cooling effect and airflow.

"**LOW COOL**" has minimum cooling effect and airflow.

"**MED COOL**" has the intermediate cooling effect and airflow.

"**OFF**" will completely shut off the unit.



Fan Mode

Rotate the knob to the left to select your choice of fan speeds for air circulation.

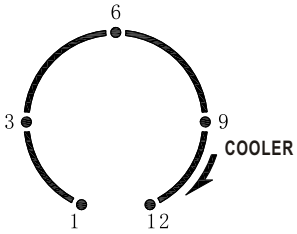
Note: When selecting a fan speed, the compressor will not run.

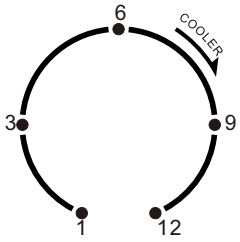
Note

When turning the SELECTOR knob from "LOW COOL" to "HIGH COOL", keep your speed slow as far as possible. Do not change the operation mode between "LOW COOL" and "HIGH COOL" too often.

THERMOSTAT

THERMOSTAT





Thermostat

The thermostat is used to set the desired room temperature when the unit is being operated in the COOL MODE.

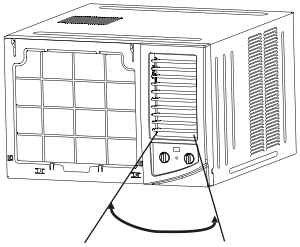
To set the desired room temperature, rotate the thermostat switch to the desired setting. After the set temperature is achieved the thermostat will automatically start and stop the compressor in order to maintain the desired set temperature.

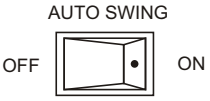
Rotate the thermostat selector clockwise for higher cool settings. Higher cool settings will provide lower room temperature. Rotate the thermostat selector counter clockwise for lower cool settings. Lower cool settings will provide higher room temperature.

NOTE: During the cooling operation of the unit, when the thermostat knob is rotated clockwise, allow at least three minutes before turning back the knob to the "**COOLER**" direction. Otherwise the fuse may blow due to an overload of the unit.

AUTO SWING(on some models)

Horizontal air flow adjustment (automatically)





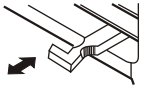
When the AUTO SWING switch is turned to "ON" position, the vertical louvers automatically oscillate right and left sweeping the cold air alternately to obtain comfortable cooling. The vertical louvers may be stopped at any position when the AUTO SWING switch is turned "OFF".

Vertical air flow adjustment (manually)

To adjust vertical air flow direction, adjust any one of the horizontal louver blades. When turning up or down the horizontal louver blades, always keep horizontality the top or bottom blades. This can effectively prevent water drops condensed on the front panel of the unit.

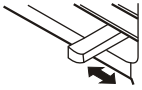
Vent Control

The vent control is located above the control knobs. The operation method is different on different models (see the following figures).
For maximum cooling efficiency, CLOSE the vent. This will allow internal air circulation.
OPEN the vent to discharge stale air.



CLOSE VENT OPEN

To open the vent, pull the lever toward you
To close it, push it in.



CLOSE OPEN

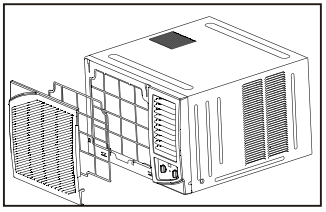
To open the vent, set the lever to the right position
To close it, set the lever in the left position.

NOTE: The VENTILATION LEVER should normally be kept in the CLOSED position during cooling for maximum cooling effect. The "OPEN" position is used only for ventilation.

CARE AND CLEANING

CAUTION

Clean your air conditioner occasionally to keep it looking new. **Be sure to unplug the unit before cleaning to prevent chock or fire hazards.**



Air Filter Cleaning

The air filter should be checked at least once a month to see if cleaning is necessary. Trapped particles in the filter can build up and cause an accumulation of frost on the cooling coils.

CARE AND CLEANING(CONTINUED)

- Hold the slot under the front panel, then uplift it onwards, and remove the front panel.
- Pinch the handle under the air filter and make the air filter arched, remove it from the underside to upside.
- Wash the filter using liquid dishwashing detergent and warm water. Rinse filter thoroughly.
- Gently shake excess water from the filter. Be sure the filter is thoroughly dry before replacing.
- Or, instead of washing you may vacuum the filter clean.

Note: Never use hot water over 40°C(104°F) to clean the air filter. Never attempt to operate the unit without the air filter.

Cabinet Cleaning

- Be sure to unplug the air conditioner to prevent shock or fire hazard. The cabinet and front may be dusted with an oil-free cloth or washed with a cloth dampened in a solution of warm water and mild liquid dishwashing detergent. Rinse thoroughly and wipe dry.
- Never use harsh cleaners, wax or polish on the cabinet front.
- Be sure to wring excess water from the cloth before wiping around the controls.
- Excess water in or around the controls may cause damage to the air conditioner.
- Plug in air conditioner.

NOTE: Never use water over 50°C, alcohol, gasoline, acid, solvent or brush to clean the front panel as this will damage the surface of the part.

Winter Storage

If you plan to store the air conditioner during the winter, remove it carefully from the window according to the installation instructions. Cover it with plastic or return it to the original carton.

INSTALLATION

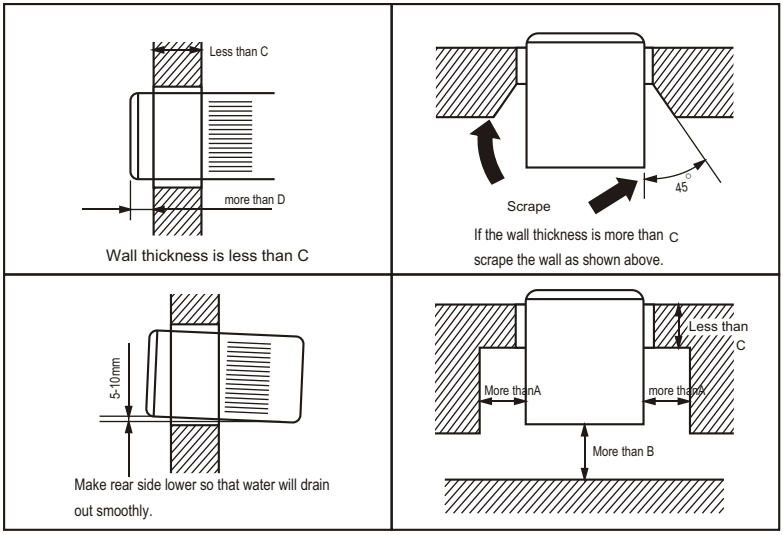
& Select The Best Location

Install the unit at a place having sufficient strength to support the unit securely. For maximum efficiency, install the air conditioner on a side of a house or building which favors more shade than direct sunlight.

Provide sufficient clearance or space around the air inlet and air outlet so that air flow will not be obstructed, following figures give detailed requirements.

Only trained and qualified service personnel should install, repair or service air conditioning equipment. Users should not install the air conditioner by themselves.

INSTALLATION(CONTINUED)

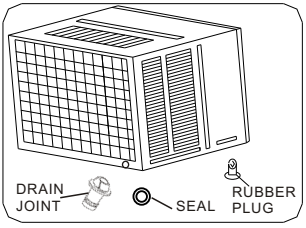


	Size(mm)
A	400
B	500
C	210
D	60

The Treatment of Condensed Water

To meet different requirement of different type of air conditioner, there are two kinds of methods for your choice to treat the condensed water. You can choose back drainage or non-drainage. See the following procedures to perform back drainage:

1. Fit the seal onto the drain joint (which provided with your air conditioner accessory).
2. Remove the rubber plug from the back of the unit. (If applicable),and insert the rubber plug(which provided with your air conditioner accessory) into the bottom drain hole of the unit.
3. Attach the drain joint to the back of the cabinet where you remove the plug and rotate 90° to securely assemble them.
4. Connect the drain joint with a extension drain hose (Locally purchased)



Note: If you choose non-drainage,both the bottom and the back drain hole of the unit should be inserted with the rubber plug.

Installation Steps

Step 1. Remove the front panel and the air filter

1. Hold the slot under the front panel, then uplift it outwards, and remove the front panel (See Fig.1).
2. Pinch the handle under the air filter and make the air filter arched, remove it from the slot from underside to upside (See Fig.2).

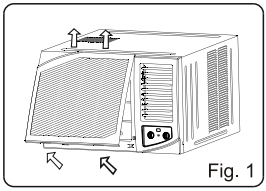


Fig. 1

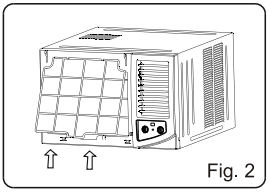


Fig. 2

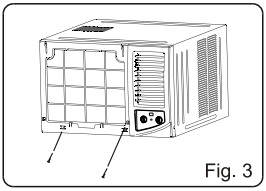


Fig. 3

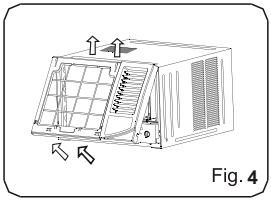


Fig. 4

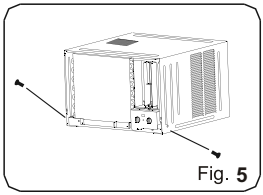


Fig. 5

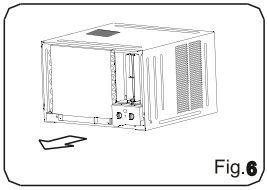


Fig. 6

Step 2. Remove the frame.

1. Remove the two fixed screws from the frame. (see Fig.3)
2. Grasp the left corner in the frame's underside, the loosen the frame. (see Fig.4)

Step 3. Installation

1. Remove the screws fix the chassis-fixing board and cabinet. some Models have two more screws on the back of the cabinet. (see Fig.5)
2. Grasp the handle on the chassis and carefully slide the air conditioner out of the cabinet. (see Fig.6)
3. When need to drain off water, intall the drain plug on the Chassis board. Then fix the cabinet on the supporter (provide for yourself or contact the dealer)(see Fig.7).
4. Push the unit chassis into the cabinet. (see Fig.8)
5. Fix the chassis and cabinet. (see Fig.5)

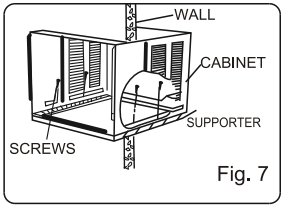


Fig. 7

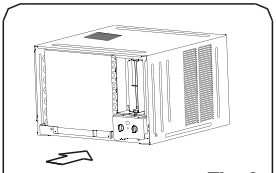


Fig. 8

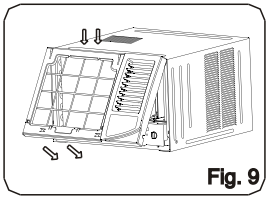


Fig. 9

Step 4. Install the frame

1. Install the frame. (see Fig.9)
2. Fix the screws on the frame. (see Fig.3)

Step 5. Install the front panel and the air filter.

1. Install the air filter into the frame's slot from upside to underside. (see Fig.2)
2. Hang the front panel on the frame's buckle, then press the front panel into the frame's slot until hear a click. (see Fig.10)

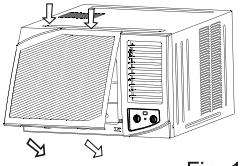


Fig. 10

TROUBLESHOOTING TIPS

Before calling for service, review this list. It may save you time and expense. This list includes common occurrences that are not the result of defective workman-ship or materials in this appliance.

Problem	Solution
Air conditioner does not start	*Wall plug disconnected. Push plug firmly into wall outlet.*
	House fuse blown or circuit breaker tripped. Replace fuse with time delay type or reset circuit breaker.
	Selector Control in OFF position. Turn selector to the desired FAN or COOL setting.
	Unit turned off by moving thermostat to a higher number and then immediately turning back to a colder number. Wait approximately 3 minutes. Listen for compressor to start.
	Unit turned off and then on too quickly. Turn unit off and wait 3 minutes before restarting.
	Thermostat set too low. Adjust thermostat to higher number for cooling.
Air from unit does not feel cold enough	*Turn selector to a higher COOL position.*
	Thermostat set too warm. Set thermostat to colder temperature.
	Room temperature below 18°C(64°F). Cooling may not occur until room temperature rises above 18°C(64°F).
	Temperature sensing tube touching cold coil, located behind air filter. Straighten tube away from coil.
Air conditioner cooling, but room is too warm- ice forming on cooling coil behind decorative front.	*Outdoor temperature below 18°C(64°F). To defrost the coil, set selector to FAN position. Then, set thermostat to warmer position.*
	Air filter may be dirty. Clean filter. Refer to Care and Cleaning section. To defrost, set selector to FAN.
	Thermostat set too cold for night-time cooling. To defrost the coil, set selector to a FAN position. Then, set thermostat to a warmer position.

Problem	Solution
Air conditioner cooling, but room is too warm- NO ice forming on cooling coil behind decorative front.	*Dirty air filter- air restricted. Clean air filter. Refer to Care and Cleaning section.*
	Thermostat set too warm. Turn thermostat clockwise to a colder setting.
	Air directional louvers positioned improperly. Position louvers for better air distribution.
	Front of units is blocked by drapes, blinds, furniture, etc. - restricts air distribution. Clear blockage in front of unit.
	Doors, windows, registers, etc. Open- cold air escapes. Close doors, windows, registers.
	Unit recently turned on in hot room. Allow additional time to remove "Stored heat" from walls, ceiling, floor and furniture.
Air conditioner turns on and off rapidly	*Dirty air filter- air restricted. Clean air filter.*
	Outside temperature extremely hot. Set to high cool to bring air past cooling coils more frequently.
Noise when unit is cooling	*Air movement sound. This is normal . If too loud, turn selector to lower FAN setting.*
	Sound of fan hitting water-moisture removal system. This is normal when humidity is high. Close doors, windows and registers.
	Window vibration - poor installation. Refer to installation instructions or check with installer.
Water dripping INSIDE when unit is cooling.	*Improper installation. Tilt air conditioner slightly to the outside to allow water drainage. Refer to installation instructions - check with installer.*
Water dripping OUTSIDE when unit is cooling.	*Unit removing large quantity of moisture from humid room. This is normal during excessively humid days.*

SPECIFICATIONS

Unit dimensions:

MODEL (Btu/h)	BODY DIMENSION(mm) (W X H X D)
5000~6000	445X320X415
	450X346X535
7000~9000	450X346X535
9000~12000	560X400X640
	600X380X560
15000~16000	660X434X620
15000~24000	660X428X680
	660X428X780

NOTE: Value of D is for reference only.

Minimum norminal cross-sectional area of conductors:

Rated current of appliance (A)	Nominal cross-sectional area (mm^2)
>3 and ≤6	0.75
>6 and <10	1
>10 and <16	1.5
>16 and <25	2.5

Suggest Minimum Wire Size(**AWG:**American Wire Gage)**:**

Appliance Amps	AWG Wire Size
10	18
13	16
18	14
25	12
30	10

The design and specifications are subject to change without prior notice for product improvement. Consult with the sales agency or manufacturer for details.